

For Office Use Only

Date Received by DEP ____/____/____

Project Identification Number_____

New Jersey Department of Environmental Protection**Highlands Applicability and Water Quality Management Plan (WQMP)**
Consistency Determination Application Form**PLEASE TYPE OR PRINT CLEARLY**

This form includes the following four sections:

Section I. General Highlands applicant information;**Section II.** Information for determination whether a project or activity is a Highlands Major Development;**Section III.** Information for determination whether Highlands regulatory requirements are applicable to a project or activity; and**Section IV.** Information for determination whether the project or activity is consistent with the Areawide Water Quality Management Plan (WQMP).**Complete all sections of the form:****Section I. General Highlands Applicant Information****1. PROPERTY OWNER**

NAME/AGENCY/COMPANY:_____

ADDRESS:_____

Street Address

Apt. or Suite Number

City

State

Zip

CONTACT PERSON:_____ TITLE:_____

PHONE: () _____ FAX: () _____ E-MAIL _____

2. APPLICANT or AGENCY SUBMITTING REQUEST

NAME/AGENT/ENGINEER:_____

AGENCY/COMPANY: _____

ADDRESS:_____

Street Address

Apt. or Suite Number

City

State

Zip

PHONE: () _____ FAX: () _____ E-MAIL _____

CONTACT PERSON:_____ TITLE:_____

PHONE: () _____ FAX: () _____ E-MAIL _____

3. **DATE of APPLICATION:** _____

4. **NAME of PROJECT:** _____

5. **APPLICATION FEE:** A fee of \$500.00, paid as follows:

- ☐ The fee shall be paid by personal check, certified check, attorney check, government purchase order, or money order;
- ☐ The fee shall be made payable to "**Treasurer, State of New Jersey**";
- ☐ Each check, purchase order, or money order must be marked with the name of the applicant, and
- ☐ Each check, purchase order, or money order must indicate that the fee is for a Highlands exemption.

6. **LOCATION of PROJECT:**

A. MUNICIPALITY _____

B. COUNTY: _____

C. LOT(S) & _____

D. BLOCK(S): _____

E. TOTAL ACREAGE of PROJECT SITE: _____

7. **ADDITIONAL REQUIREMENTS:**

- ☐ Municipal Tax Map(s) delineating the project site by Lot(s) and Block(s), and;
- ☐ A copy of a USGS Quad map or portion thereof (1:24,000 scale, include title-name of Quad), with the project site boundaries clearly delineated. Include State Plane coordinates for a point at the approximate center of the site. Please use NAD 1983. For assistance in determining the State plane coordinates for a site, contact the Department's Geographic Information (GIS) Office at (609) 777-0672. For a linear development, the State plane coordinates shall include the coordinates for each end point of the development and the coordinates for points located at 1,000 foot intervals along the entire length of the development.
(NOTE: a disk containing the USGS Quad map information recorded in a digital GIS format at a minimum scale of 1:12,000 may be submitted in lieu of a hard copy)

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Section II. Highlands Major Development Determination

Determination as a Major Highlands Development located within the Highlands Preservation Area will institute specific design and performance standards. Please provide all of the following:

1. Site Plan(s) that clearly detail the following:
 - Total area of proposed disturbance—include area calculation
 - Total area of permanent impervious cover to be generated by the project—include area calculation
 - Delineation of all forested portions of the site—if forested area is being disturbed, include area calculation for the disturbed portion(s)
2. Is the project considered an MLUL Development pursuant to N.J.S.A. 40:55D-4?
☐ No ☐ Yes
3. Is the project considered a Capital Improvement pursuant to N.J.S.A. [The Highlands Water Protection and Planning Act (HWPPA)]
☐ No ☐ Yes
4. Is the project proposed solely for Agricultural or Horticultural purposes?
☐ No ☐ Yes
5. **DEPARTMENT PERMITS TO BE REQUIRED and/or RECEIVED** (Check all that apply):

☐ Water Allocation ☐ Water Main Extension ☐ Freshwater Wetlands
☐ Flood Hazard Control Area ☐ 50 or More Realty Improvements (residential)
☐ Sewer Extension (TWA) ☐ Other type of Treatment Works Approval
☐ New NJPDES DSW ☐ Modification to NJPDES DSW ☐ Expansion/Re-rating NJPDES DSW
☐ New NJPDES DGW ☐ Modification to NJPDES DGW ☐ Expansion/Re-rating NJPDES DGW
☐ New NJPDES SIU ☐ Modification to NJPDES SIU

NOTE HERE which, if any, of the above permits have already been received:

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SECTION III—Highlands Preservation Area Regulatory Requirement
Applicability Determination:

This section of the application form is to be used to apply for an exemption letter for any of the following:

- An exemption for agriculture or horticulture under N.J.S.A. [HWPPA]
- All other exemptions under N.J.S.A. [HWPPA].

NOTE: The person who signs the exemption request as the applicant must be the owner of the site, or a person with sufficient legal authority over the site to carry out all requirements of any authorization issued.

APPLICATION REQUIREMENTS:

In addition to the requirements of Section I and II above and Section IV below, to be deemed administratively complete, an application for an exemption letter must include the following information for the type of exemption being requested required at 1 through 18 below:

1. For a farming or horticulture activity under N.J.S.A. [HWPPA], the following information is required:
 - A. A copy of the applicant's tax bill showing that the site has farmland assessment tax status under the New Jersey Farmland Assessment Act, N.J.S.A. 54:4-23.1 et seq.; and
 - B. A brief description of the activities for which the exemption is claimed, including:
 - ☐ The types of farming or horticulture that will be pursued;
 - Best management practices currently employed and/or to be employed;
 - The length of time that the area to be disturbed has been in use for farming or horticulture; and
 - Any proposed increase in agriculture or horticulture activity that would result in 3% or more impervious cover of the total land area of a farm management unit. (NOTE: if such increases are proposed, applicants should contact the local soil conservation district for additional assistance.)
2. For an exemption for the construction of a single family dwelling, for an individual's own use or the use of an immediate family member, the following information is required:
 - ☐ A copy of a deed, closing or settlement statement, title policy, tax record, mortgage statement or any other official document showing that the property was acquired on or before May 17, 2004;
 - ☐ If the applicant is not the owner of the property, an official document certifying that the applicant is an immediate family member of the owner of the property described at "A" above; and
 - ☐ If the applicant does not own the property, but had entered into a binding contract of sale to purchase the lot on or before May 17, 2004, a copy of the binding contract or sale.
3. For the construction of a single family dwelling on a lot in existence on August 10, 2004, not for use by the owner or an immediate family member, the following information is required:
 - ☐ A copy of a deed, closing or settlement statement, title policy, tax record, mortgage statement or any other official document showing that the lot was created on or before August 10, 2004; and

- ❑ A site plan showing all proposed development, including all structures, grading, clearing, impervious surface that doesn't exceed 0.25-acre and limits of disturbance that do not exceed 1 acre.

4. For an exemption for a Major Highlands Development that has received certain municipal and state approvals on or before March 29, 2004, the following information is required:

- ❑ A. A copy of a resolution by the local authority, granting one of the following:
 - Preliminary or final site plan approval;
 - Preliminary or final subdivision approval where no subsequent site plan approval is required;
 - Minor subdivision approval where no subsequent site plan approval is required; OR
- ❑ B. A copy of a final municipal building or construction permit.
- ❑ C. In addition to the information provided above, you must also submit proof that the project has obtained at least one of the following DEP permits, if applicable to the proposed Major Highlands Development, on or before March 29, 2004:
 - A permit or certification pursuant to the Water Supply Management Act, P.L. 1981;
 - A water extension permit or other approval or authorization pursuant to the Safe Drinking Water Act, P.L. 1977;
 - A certification or other approval or authorization pursuant to the Realty Improvement Sewerage and Facilities Act (1954), P.L.1954, c.199 (C.58:11-23 et seq.); or
 - A treatment works approval pursuant to the Water Pollution Control Act, P.L.1977, c.74 (C.58:10A-1 et seq.).
- ❑ D. If none of the approvals at "C" above are required for the project or activity, you must then submit proof that at least one of these following DEP permits has been obtained on or before March 29, 2004, if applicable to the Major Highlands Development:
 - A permit or other approval or authorization issued pursuant to the "Freshwater Wetlands Protection Act," P.L.1987, c.156 (C.13:9B-1 et seq.); or
 - A permit or other approval or authorization issued pursuant to the "Flood Hazard Area Control Act," P.L.1962, c.19 (C.58:16A-50 et seq.).
- ❑ E. A folded copy of the preliminary site plan or subdivision plat, including proof of filing in the case of a subdivision;
- ❑ F. A copy of a letter from the local governing body, verifying that the use and zoning of the site have not changed since the approval specified in "A" above, or verifying that the use and zoning have changed, but that the change does not do any of the following:
 - Require submittal of a new or amended application; or
 - Require approval of a new or amended application by local authorities; and
- ❑ G. Any other information necessary to determine if the applicant is eligible for exemption under N.J.S.A. **[HWPPA]**.

5. For an exemption based on reconstruction of any building or structure for any reason, the following information is required:

- ❑ A site plan showing all existing impervious surfaces, including all structures, grading, clearing, impervious surface and limits of disturbance, existing on the site on August 10, 2004; and all proposed development including all structures, impervious surfaces, clearing limits, and limits of disturbance, including grading; and
 - ❑ A copy of any official documentation indicating the original date of construction of the building or structure or that the structure lawfully existed on or before August 10, 2004.
- 6. For an exemption based on any improvement to a single family dwelling, including but not limited to an addition, garage, shed, driveway, porch, deck, patio, swimming pool, or septic system, the following information is required:
 - ❑ A copy of any official documentation indicating the existence of the single family dwelling on August 10, 2004.
- 7. For an exemption based on an improvement for non-residential purposes to a place of worship owned by a non-profit entity, society or association, or association organized primarily for religious purposes, or a public or private school or hospital, in existence on (the date of enactment), including but not limited to new structures, an addition to an existing building or structure, a site improvement, or a sanitary facility, the following information is required:
 - ❑ A copy of any official documentation indicating that the place of worship, public or private school or hospital was in existence prior to (date of enactment); and
 - ❑ For improvements to a place of worship, documentation showing that the entity, society or association, or association organized primarily for religious purposes has non-profit status.
- 8. For an exemption for any activity conducted in accordance with an approved woodland management plan pursuant to section 3 of P.L. 1964, c.48 (C. 54:4-23.3) or the normal harvesting of forest products in accordance with a forest management plan approved by the State Forester, the following information is required:
 - ❑ A copy of the applicant's tax bill showing that the site has farmland assessment tax status under the New Jersey Farmland Assessment Act, (N.J.S.A.. 54:4-23.1 et seq.);
 - ❑ A brief description of the activities for which the exemption is claimed including:
 - The total area of woodlands that is the subject of the approved woodland management plan;
 - The length of time that the area to be managed has been in use for woodland management; and
 - A copy of a forest management plan approved by the State Forester (contact the Department at (609) 292-2531 for information on how to obtain a forest management plan).
- 9. For an exemption for the construction or extension of trails with non-impervious surfaces on publicly owned lands or on privately owned lands where a conservation or recreational use easement has been established, the following information is required:
 - ❑ A site plan showing the proposed trail construction with details including the location, and width of existing and proposed trails;
 - ❑ A written description of the non-impervious materials to be used; and
 - ❑ For privately owned property, a copy of a deed for the property, including the language establishing the conservation or recreational use easement on the property.
- 10. For an exemption for the routine maintenance and operations, rehabilitation, preservation, reconstruction, or repair of transportation or infrastructure systems by a State entity or local government unit, provided that the activity is consistent with the goals of purposes of the

Highlands Act and does not result in the construction of any new through-capacity travel lanes, the following information is required:

- ☐ A site plan showing the existing and proposed transportation or infrastructure system;
- ☐ A written description of the work to be conducted, the purpose of the activity and how that purpose is consistent with the Highlands Act; and
- ☐ A brief description of the State entity or local government unit that is sponsoring the proposed activities.

11. For the construction of transportation safety projects and bicycle and pedestrian facilities by a State entity or local government unit, provided that the activity does not result in the construction of any new through-capacity travel lanes, the following information is required:

- ☐ A site plan showing the proposed transportation safety project, bicycle or pedestrian facility;
- ☐ A written description of the specific type of project to be constructed and the purpose of the project; and
- ☐ A brief description of the State entity or local government unit that is sponsoring the proposed activities.

12. For an exemption for the routine maintenance and operations, rehabilitation, preservation, reconstruction, repair or upgrade of public utility lines, rights of way, or systems by a public utility, provided that the activity is consistent with the goals of purposes of the Highlands Act, the following information is required:

- ☐ A site plan showing the existing and proposed public utility lines, rights of way, or systems;
- ☐ A written description of the work to be conducted, the purpose of the activity and how that purpose is consistent with the Highlands Act; and
- ☐ A brief description of the public utility that is sponsoring the proposed activities.

13. For an exemption for the reactivation of rail lines and rail beds existing on August 10, 2004, the following information is required:

- ☐ A site plan showing the location of the existing rail lines and rail beds; and
- ☐ A brief description of the project for reactivation, including the sponsoring entity, the work to be conducted to accomplish the project, and an estimated schedule for completion.

14. For an exemption for the construction of a public infrastructure project approved by public referendum prior to January 1, 2005 or a capital project approved by public referendum prior to January 1, 2005, the following information is required:

- ☐ A copy of the public referendum question from the ballot; and
- ☐ Documentation showing that the referendum was approved.

15. For an exemption for mining, quarrying, or production of ready mix concrete, bituminous concrete, or Class B recycling materials occurring or which are permitted to occur on any mine, mine site, or construction materials facility existing on June 7, 2004, the following information is required:

- ☐ A site plan showing the location of existing activities and proposed activities;
- ☐ Any type of official documentation (tax records, bills of sale etc.) demonstrating that the operation was in existence and operating on June 7, 2004, and which included the property for the activity for which the exemption is being sought, and;
- ☐ A copy of a Certificate of Registration issued by the Commissioner of Labor pursuant to Section 4 of P.L. 1954, c. 197 (N.J.S.A. 34:6-98.4).

16. For an exemption for the remediation of any contaminated site pursuant to P.L. 1993, c. 139 (C. 58:10B-1 et seq.), the following information is required:
- ❑ A copy of a site plan indicating the area to undergo remediation;
 - ❑ A brief description of the remediation activities to be conducted; and
 - ❑ A copy of a letter, application, order, or any other documentation demonstrating that the remediation activities are required in accordance with N.J.S.A.13:58:10B-1 et seq.
17. For an exemption for activities on lands of a federal military installation existing on August 10, 2004, the following information is required:
- ❑ A site plan showing the location of the proposed activities within a federal military installation; and
 - ❑ A letter briefly describing the activities and signed by an official of the installation.
18. For an exemption of a Major Highlands Development located within an area designated as Planning Area 1 (Metropolitan), or Planning Area 2 (Suburban) as designated pursuant to P.L. 1985, c.398 (C. 52:18A-196 et seq.) as of March 29, 2004, that on or before March 29, 2004 has been the subject of a settlement agreement and stipulation of dismissal filed in the Superior Court, or a builder's remedy issued by the Superior Court, to satisfy the constitutional requirement to provide for the fulfillment of the fair share obligation of the municipality in which the development is located, the following information is required:
- ❑ A copy of the settlement agreement and stipulation of dismissal filed in the Superior Court, or builder's remedy issued by the Superior Court;
 - ❑ A copy of any site plans, maps or other documentation clearly indicating the location of the fair share housing to be provided in accordance with the settlement agreement, stipulation of dismissal filed in the Superior Court, or a builder's remedy issued by the Superior Court;
 - ❑ A copy of the municipal approval for the project, or the schedule for obtaining such approvals; and
 - ❑ A proposed schedule for completion of the entire project including township approvals, site preparation, installation of utilities and roads, and construction of all buildings.

Highlands Applicability and Water Quality Management Plan (WQMP)
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Section IV. Project or Activity WQMP Consistency Determination

This section of the application form is to be used for the determination of whether a project or activity is consistent with the applicable Areawide Water Quality Management Plan.

1. PROJECTED WASTEWATER FLOW:

Depending on the type of wastewater treatment and type of development, there are different criteria to use to determine the total projected wastewater flow. Use the attached projected flow criteria under N.J.A.C. 7:14A-23.3 or N.J.A.C. 7:9A-7.4 to determine the **total** amount of wastewater the proposed project will generate. Check the appropriate box to indicate which table was used and complete Table 1 below:

- ☐ N.J.A.C. 7:9A-7.4, Standards for Individual Subsurface Sewage Disposal Systems
- ☐ N.J.A.C. 7:14A-23.3, The New Jersey Pollutant Discharge Elimination System (NJPDDES) Rules

TYPE of DEVELOPMENT (check and complete all that apply):

- ☐ Residential
 - Type of Dwelling Units _____
 - Number of Dwelling Units _____
 - Bedrooms Per _____
- ☐ Commercial/Institutional
 - Total Square Footage of Structures _____
 - Maximum Building Occupancy _____
 - Specify Type of Establishment _____
- ☐ Industrial
 - Total Square Footage of Structures _____
 - Maximum Building Occupancy _____
 - Specify Type of Establishment _____
- ☐ Other
 - Total Square Footage of Structures _____
 - Specify Type of Establishment _____

Table 1.

Establishment Type *	Measurement Unit	Number of Units		Gallons per day (gpd)		Projected Flows (gpd)
			X		=	
			X		=	
			X		=	
			X		=	
Total amount of wastewater this project will generate					=	

*If the proposal is for a new or expanded industrial facility that will generate industrial process wastewater which is not provided for on the attached projected flow criteria tables, provide a basis for the total projected wastewater discharge from the proposal site. Where other forms of wastewater (such as domestic, stormwater, non-contact cooling water, etc.) will be generated on site and treated by the proposed industrial wastewater treatment facility, include the basis for these flow projections as well.

Basis for Industrial Wastewater Flow Projection: _____

2. PROPOSED METHOD OF WASTEWATER TREATMENT (check as indicated):

- ☐ **A.** Individual Subsurface Sewage Disposal Systems < 2,000 gallons per day
- ☐ **B.** New Discharge to Ground Water > 2,000 gallons per day
- ☐ **C.** Conveyance to an existing wastewater treatment facility (DGW or DSW):
Name and Location of Facility: _____

NJPDES Permit #: _____
Permitted Capacity: _____

3. IF THE METHOD OF WASTEWATER TREATMENT PROPOSED IS "C" ABOVE, APPLICANT MUST ALSO PROVIDE THE FOLLOWING:

- ☐ A letter from the above facility verifying the existence and extent of wastewater collection infrastructure on August 10, 2004, and that adequate capacity is available, with a written commitment to service the proposed project.
- ☐ A copy of a site plan or other appropriately scaled map, showing the point of connection to the wastewater collection system as it existed on August 10, 2004.

4. PROPOSED WATER SUPPLY SOURCE (check one of the following and fill in the blanks):

- ☐ Water Purveyor

Name of Purveyor _____

- ☐ Residential Wells

Number of residential wells _____

- ☐ Commercial or Industrial Wells

Number of wells _____

- ☐ Irrigation Wells

Number of wells _____

Projected peak water use in gallons per day _____

5. IS THE PROPOSAL REQUIRED AS PART OF AN ADMINISTRATIVE ORDER, COURT ORDER, NJDEP ADMINISTRATIVE CONSENT ORDER (ACO), OR A JUDICIAL CONSENT ORDER TO WHICH THE NJDEP IS A PARTY, FROM A STATE OR FEDERAL COURT?

- ☐ No ☐ Yes, copy attached

CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE, TO THE BEST OF MY KNOWLEDGE.

SIGNATURE:_____DATE:_____

Additional information may be required upon review by the Department

SEND COMPLETED APPLICATION FORM AND ATTACHMENTS TO:

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATERSHED MANAGEMENT

ATTN: HIGHLANDS APPLICABILITY DETERMINATION

401 E. STATE ST. PO BOX 418

TRENTON, NJ 08625-0418

N.J.A.C. 7:14A - 23.3 Projected Flow Criteria

The values specified below are to be used in computing the projected flow to wastewater conveyance and treatment facilities. The specific measurement unit listed for each category must be used as the basis for the projected flow. No additional provisions for inflow and infiltration are required. Flow for facilities that have combined uses must be determined by the summation of all appropriate projected flow values for each use. In the event that a facility is not covered by the table below, the applicant must propose the projected flow based upon operation of similar facilities or best professional judgment.

Type of Establishment	Measurement Unit	Gallons Per Day	Type of Establishment	Measurement Unit	Gallons Per Day
Residential Dwellings (single family home, duplex units, townhouses, condominiums, apartments)			Institutions (includes staff)		
1 bedroom unit	Per Dwelling	150	Hospitals	Bed	175
2 bedroom unit	Per Dwelling	225	Other institutions	Bed	125
3 bedroom unit or larger	Per Dwelling	300	Schools (includes staff)		
Transit dwelling units			No shower or cafeteria	Student	10
Hotels	Bedroom	75	With cafeteria	Student	15
Lodging houses and tourist homes	Bedroom	60	With cafeteria and showers	Student	20
Motels and tourist cabins	Bedroom	60	With cafeteria, showers and laboratories	Student	25
Boarding houses (max. permitted occupancy)	Boarder	50	Boarding	Student	75
Camps			Automobile service stations		
Campground/mobile rec. vehicle/tent	Site	100	Service bays	Filling position	125
Parked mobile trailer site	Site	200	Mini-market	Sq. Ft.	0.100
Children's camps	Bed	50	Miscellaneous		
Labor camps	Bed	40	Office buildings (gross area)	Sq. Ft.	0.100
Day camps--no meals	Person	15	Stores and shopping centers (gross area)	Sq. Ft.	0.100
Restaurants (including washrooms and turnover)			Factories/warehouses (add process water)	Employee	25
Average restaurant	Seat	35	with showers, (add process water)	Employee	40
Bar/cocktail lounges	Seat	20	Laundromats	Machine	580
Fast food restaurant	Seat	15	Bowling alleys	Alley	200
24 hour service restaurant	Seat	50	Picnic Parks (restrooms only)	Person	10
Curb service/drive-in restaurant	Car space	50	Picnic Parks with showers	Person	15
Clubs			Fairgrounds (based upon average attendance)	Person	5
Residential	Member	75	Assembly halls	Seat	3
Nonresidential	Member	35	Airports (based on passenger use)	Passenger	3
Racquet club	court per hour	80	Churches (worship area only)	Seat	3
Bathhouse with shower	Person	25	Theater (indoor)	Seat	3
Bathhouse without shower	Person	10	Dinner theater	Seat	20
			Catering/Banquet Hall	Person	20
			Sports stadium	Seat	3
			Visitor Center	Visitor	5

PROJECTED FLOW CRITERIA

SOURCE: N.J.A.C. 7:9A-7.4, STANDARDS FOR INDIVIDUAL SUBSURFACE DISPOSAL SYSTEMS

Type of Establishment	Measurement Units	Gallons per day	Type of Establishment	Measurement Units	Gallons per day
Residential Dwellings (single family homes, Duplex units, townhouses, condominiums, Apartments)			Restaurant		
First bedroom	Per Dwelling	200	sanitary waste only	per patron	5
Each additional bedroom	Per Dwelling	150	with kitchen wastes, add	per patron	5
Minimum volume	Per Dwelling	350	Clubs		
Minimum volume	Per apartment	350	Bathhouse, with showers	Per person	25
Minimum volume deed restricted senior citizen community or mobile home park	Per dwelling unit (< 5001 ft2) .	200	Bathhouse, without showers	Per person	10
Transit dwelling units			Beach dub	Per person	25
Boarding house, meals ⁽²⁾	Per guest	75	Country club		
non-resident	Per guest	15	Member	Per person	60
Dormitory, bunkhouse	Per bed	40	Non-member	Per person	25
Hotel	Per room	130	Institutional facilities		
Motel	Per room	130	Hospital, medical	Per bed	250
Rooming house, no meals	Per bed	65	Hospital, mental	Per bed	150
Cottages ⁽²⁾	Per person	100	Institution, other than hospital '	Per bed	150
Minimum volume	Per dwelling unit	350	Nursing/rest home	Per bed	150
Camps			Prison	Per inmate	150
Cottage, barracks type	Per person	65	Schools		
Day, no meals	Per person	20	Boarding	Per student	100
Resort ⁽²⁾	Per site	100	Day		
Trailer ⁽²⁾	Per site	100	No cafeteria or showers	Per student	10
with toilets, add	Per person	10	Cafeteria only	Per student	15
Restaurants			Cafeteria and showers	Per student	20
Bar	Per patron	5	Cafeteria, showers and laboratories	Per student	25
Cafeteria	Per patron	5			
Cocktail lounge	Per patron	5			
Coffee shop	Per patron	5			

Type of Establishment	Measurement Units	Gallons per day
Miscellaneous		
Airport	Per passenger	5
Assembly hall	Per seat	3
Auto service station	Per car	10
Beauty parlors and salons	Per sink	120
Bowling alley, no food	Per lane	125
with food, add	Per patron	5
Bus stop rest area	Per passenger	5
Church	Per seat	3
Comfort station/Picnic grounds		
with toilets	Per person	10
with toilets and showers	Per Person	15
Dining hall	Per customer	5
Factory/Industrial building ⁽¹⁾	Per employee, 8-hr	15
with showers, add ⁽¹⁾	Per employee, 8-hr	15
Laundry, self service	Per wash	50
Office building	Per employee, 8-hr	15
(whichever is greater) ⁽¹⁾	Per square foot	0.125
Shopping center ⁽¹⁾	Per square foot	0.125
Stadium	Per seat	3
store ⁽¹⁾	Per square foot	0.125
Swimming Pool	Per person	10
Theater, Indoor	Per seat	3
Theater, outdoor	Per parking space	10
Visitor Center	Per visitor	5

(1) Volume of sanitary sewage for employees included within method of estimation indicated.
If laundry wastes are anticipated, increase the estimated flow by 50 percent.